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A Q&A GUIDE TO THE AMIGA™ PERSONAL COMPUTER

Q. What does the basic Amiga system include and how much does it cost?

A. The standard configuration of the Amiga includes 256K of
RAM, internally expandable to 512K, with 192K of writable control
store, an 89-key keyboard with numeric keypad, cursor and special
function keys, 80x25 line text display, maximum 640x400 resolution,
palette of 4,096 colors, parallel, serial and second drive ports, three
video and two audio ports, a full 68000 bus expansion, 2-button mouse
controller, built-in 3.5-inch 880K floppy disk drive, two reconfigurable
joystick ports, plus text-to-voice and music synthesis capability. Bundled
software includes Amiga DOS, ABasiC and Amiga Tutor.

Q. What software will the Amiga run?

A. The Amiga will, at introduction, have available more than 20
programs including word processing, accounting, productivity,
education, programming languages, telecommunications, music and
speech synthesis, paint, graphics presentation and animation programs as
well as over 20 games from third party publishers. More programs will be
added soon after Amiga's introduction.

Q. Is the Amiga IBM PC-compatible?

A. Yes. By using an available Amiga option, the Amiga can run
IBM® PC-compatible software packages like Lotus 1-2-3™,
D Base III™ and WordStar® in either 3.5- or 5.25-inch disk format.

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Q. What can one do with all that graphics capability?

A. Anyone who makes visual presentations, whether they be in sales, engineering, teaching, computer-aided design, or any profession requiring design processing, will find Amiga's color graphics capabilities to be powerful, vivid and practical. The Amiga features a 4,096-color palette, special animation functions and voice and music synthesis to dramatize and enliven any graphic presentation.

Q. What is multitasking and why do I need it?

A. Multitasking allows the user to do more than one computing job at a time. For example, with the Amiga you can edit one document while another is simultaneously being printed out. This saves you from the tedium of waiting for slow mechanical printers to finish typing or from waiting for a file to be stored before you can work on another one. Multitasking truly makes the best use of your computer's power.

Q. What peripheral devices will the Amiga accommodate?

A. The Amiga will run dot matrix, letter quality, thermal, ink jet and laser printers, TV or RGB monitor, 1200 baud modem, a genlock interface, color digitizer, music keyboard, a MIDI musical instrument interface and 3.5- and 5.25-inch external disk drives as well as hard disks, tape backup and multifunction cards.

Q. Is the Amiga expandable?

A. Yes, the user may expand the Amiga to 512K bytes with a simple plug-in cartridge. The Amiga also may be expanded externally up to 8M bytes of storage.

Q. Are there any limitations on the type of TV camera, video disk or video cassette players the Amiga can interface with?

A. No. With a color digitizer and genlock interface that will be available in the fall, Amiga can connect to domestic video products and many professional video systems.

Q. Where can I get my Amiga serviced?

A. Every Amiga dealer will provide on-site service. To supplement dealer service, there will be 800 RCA service locations nationwide.

Q. How fast is the Amiga?

A. The Amiga employs a 7.8 MHz Motorola 68000 microprocessor. This already fast processor is further aided by a microchip set composed of three proprietary chips designed by Amiga to free the 68000 from routine graphics and I/O tasks.

Q. Is the Amiga transportable?

A. The Amiga is relatively small and light (12.5 lbs), and may be moved from one location to another easily. It has three video outputs for use with a variety of monitors and can run on virtually any television set in a 60 column text mode.

Q. Is there a "paint" program available for the Amiga?

A. Yes. Graphicraft™ and Graphicraft Pro™ have been developed by Island Graphics to harness the Amiga's exceptional graphics capabilities. The more powerful version is a tool for professional art production.

Q. Can I run Commodore C64 or 128 software on the Amiga?

A. No.

Q. What options are available for the Amiga?

A. Upon introduction, Amiga will offer RGB monitor, 1,200 baud modem, 3.5- and 5.25-inch external drives, 256K RAM expansion, RF modulator and music keyboard. The list of third party options includes a 20M byte hard disk, 20M byte tape backup, 1M byte multifunction card, 2,400 baud modem and graphics tablet. In addition, options to appear in the fall include MIDI interface, color digitizer, genlock interface and a variety of dot matrix, letter quality, color thermal, color ink jet and laser printers.

Q. Can I bring my IBM PC disks home from work and run them on the Amiga?

A. Yes. Using the Amiga IBM PC compatibility option, the user can run most IBM PC data and program disks in either 3.5- or 5.25-inch formats.

Q. What simulation programs are available for the Amiga?

A. The Amiga will run Radar Raiders™, developed by Bruce Artwick, a state-of-the-art flight simulation program utilizing advanced graphic animation and sound capabilities. Available in January.

Q. **What programming languages will the Amiga run?**

A. Amiga Assembler, Amiga C, Amiga Lisp, Amiga Pascal, and Amiga TLC
   Logo. A variety of other programming tools including cross
   compilers for Unix™ and MS™-DOS are available from publishers like
   Lattice, Inc.

Q. **How many windows can be run on the Amiga?**

A. Experimentally, as many as 50 windows, each performing a different
   task, have been shown. Clearly, Amiga will meet any practical personal
   computing requirements.

Q. **Is the music synthesis program limited to any particular range of
   notes or voices?**

A. The Amiga has a professional quality 4-channel multi-voice music capability
   that can deliver a full orchestra of tones.

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